Bruhat Bangalore Mahanagara Palike

Executive Engineer Bytarayanapura Division

Name Of Work:Improvements to Balance Roads,Drains At Nanjappa Layout,Chamundeshwari Layout,Kalappa Layout,Venkatagiriyappa Layout,Hanuman Layout,Patel pille Gowda Layout,Blue Moon Garden,Bloom Field Garden, C Ramiah Layout and Surrounding Areas In Ward No-10[Kuvempunagara]

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Removing and resetting Stone Slab of drain and pointing in C.M (1:3) (Approved Rate)								
	Approved Rate	**121.00**							
	Area Weightage 10%	**12.10**							
	Total	**133.10**							
		Sqm							
	Bottom Slab								
	Ward No-10								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	1.65		504.90			
	3rd Cross Rd	1	182.00	1.65		300.30			
	4th Cross Rd	1	122.50	1.65		202.13			
	5th Cross Rd	1	333.00	1.65		549.45			
	Tindi Mane Rd	1	135.00	1.65		222.75			
	1st Main Rd	1	223.00	1.65		367.95			
	2nd Main Rd	1	219.00	1.65		361.35			
	3rd Main Rd	1	217.00	1.65		358.05			
	4th Main Rd	1	299.50	1.65		494.18			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	1.65		353.93			
	2nd Cross Rd	1	199.00	1.65		328.35			
	3rd Cross Rd	1	201.50	1.65		332.48			
	Samsidh MLZS Rd	1	207.00	1.65		341.55			
	4th Cross Rd	1	50.00	1.65		82.50			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	1.65		89.93			
	1st Cross Rd	1	115.00	1.65		189.75			
	2nd Cross Rd	1	50.00	1.65		82.50			
	3rd Cross Rd	1	76.00	1.65		125.40			
						5287.43			
	Consider 40%					2114.97			
	Deduct 15% Missing/Damaged Slab					317.25			
						1797.72	**Sqm**	**133.10**	**239277.13**
2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)								
	Approved Rate	**235.00**							
	Area Weightage 10%	**23.50**							
	Total	**258.50**							
		Sqm							
	Top Slab								
	Ward No-10								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	0.90		275.40			
	3rd Cross Rd	1	182.00	0.75		136.50			
	4th Cross Rd	1	122.50	0.75		91.88			
	5th Cross Rd	1	333.00	0.75		249.75			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Tindi Mane Rd	1	135.00	0.75		101.25			
	1st Main Rd	1	223.00	0.75		167.25			
	2nd Main Rd	1	219.00	0.75		164.25			
	3rd Main Rd	1	217.00	0.75		162.75			
	4th Main Rd	1	299.50	0.90		269.55			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	0.75		160.88			
	2nd Cross Rd	1	199.00	0.75		149.25			
	3rd Cross Rd	1	201.50	0.75		151.13			
	Samsidh MLZS Rd	1	207.00	0.90		186.30			
	4th Cross Rd	1	50.00	0.75		37.50			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	0.90		49.05			
	1st Cross Rd	1	115.00	0.90		103.50			
	2nd Cross Rd	1	50.00	0.90		45.00			
	3rd Cross Rd	1	76.00	0.90		68.40			
	Ramanna Garden								
	2nd Main Rd	1	141.00	0.90		126.90			
	1st Cross Rd	1	239.00	0.90		215.10			
	2nd Cross Rd	1	155.00	0.90		139.50			
	3rd Cross Rd	1	155.00	0.90		139.50			
	1st A Main Rd	1	88.00	0.90		79.20			
	5th Cross Rd	1	103.50	0.90		93.15			
	1st Main Rd	1	207.00	0.90		186.30			
						3549.23			
	Consider 60%					2129.54			
	Deduct 30% Missing/Damaged Slab					638.86			
						1490.67	**Sqm**	**258.50**	**385339.36**
3	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
	Basic Rate	186.00							
	Loading And Unloading	118.00							
	Sub Total	304.00							
	Area Weightage 10%	30.40							
	Total Rate	**334.40**							
	RCC Drain								
	Ward No-10								
	2nd Block BEL Layout								
	2nd Cross Rd	1	310.00	1.00	1.10	341.00			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	2	46.50	1.00	1.10	102.30			
	2nd Cross Rd	1	35.00	1.00	1.10	38.50			
	3rd Cross Rd	1	45.00	1.00	1.10	49.50			
	Left Side 3rd Cross Rd	1	26.00	1.00	1.10	28.60			
	Lead Off Drain	1	245.00	1.10	1.10	296.45			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For Culverts								
	Nanjappa Layout	10	6.40	1.50	1.10	105.60			
	Hanuman Layout	10	6.40	1.50	1.10	105.60			
	Patel pille Gowda Layout	10	6.40	1.50	1.10	105.60			
	Drain Desilt								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	0.45	0.45	61.97			
	3rd Cross Rd	1	182.00	0.45	0.45	36.86			
	4th Cross Rd	1	122.50	0.45	0.45	24.81			
	5th Cross Rd	1	333.00	0.45	0.45	67.43			
	Tindi Mane Rd	1	135.00	0.45	0.45	27.34			
	1st Main Rd	1	223.00	0.45	0.45	45.16			
	2nd Main Rd	1	219.00	0.45	0.45	44.35			
	3rd Main Rd	1	217.00	0.45	0.45	43.94			
	4th Main Rd	1	299.50	0.45	0.45	60.65			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	0.45	0.45	43.44			
	2nd Cross Rd	1	199.00	0.45	0.45	40.30			
	3rd Cross Rd	1	201.50	0.45	0.45	40.80			
	Samsidh MLZS Rd	1	207.00	0.45	0.45	41.92			
	4th Cross Rd	1	50.00	0.45	0.45	10.13			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	0.60	0.55	17.99			
	1st Cross Rd	1	115.00	0.60	0.60	41.40			
	2nd Cross Rd	1	50.00	0.60	0.60	18.00			
	3rd Cross Rd	1	76.00	0.60	0.55	25.08			
	Ramanna Garden								
	2nd Main Rd	1	141.00	0.60	0.45	38.07			
	1st Cross Rd	1	239.00	0.60	0.60	86.04			
	2nd Cross Rd	1	155.00	0.60	0.60	55.80			
	3rd Cross Rd	1	155.00	0.60	0.55	51.15			
	1st A Main Rd	1	88.00	0.60	0.60	31.68			
	5th Cross Rd	1	103.50	0.60	0.60	37.26			
	1st Main Rd	1	207.00	0.60	0.55	68.31			
						2233.00	**Cum**	**334.40**	**746714.36**
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm** nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)								
	Basic Rate	**5752.00**							
	Area Weightage 10%	**575.20**							
	Total Rate	**6327.20**							
	Ward No-10								
	RCC Drain								
	2nd Block BEL Layout								
	2nd Cross Rd	1	310.00	1.00	0.15	46.50			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	2	46.50	1.00	0.15	13.95			
	2nd Cross Rd	1	35.00	1.00	0.15	5.25			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	3rd Cross Rd	1	45.00	1.00	0.15	6.75			
	Left Side 3rd Cross Rd	1	26.00	1.00	0.15	3.90			
	Lead Off Drain	1	245.00	1.10	0.15	40.43			
	For Culverts								
	Nanjappa Layout	10	6.40	1.50	0.15	14.40			
	Hanuman Layout	10	6.40	1.50	0.15	14.40			
	Patel pille Gowda Layout	10	6.40	1.50	0.15	14.40			
						159.98	**Cum**	**6327.20**	**1012193.82**
5	Supplying, **Fitting and Placing un-coated TMT bar** Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)								
	Basic Rate	**103329.00**							
	Area Weightage 10%	**10332.90**							
	Total Rate	**113661.90**							
	For RCC Drain, 60kg/Sqm	1	234.53	60.00		14071.50			
	For RCC Culvert, 90kg/Sqm	1	99.07	90.00		8916.48			
						22.99	**Tn**	**113661.90**	**2612857.48**
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M20 Design Mix Using 20 mm nominal** size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)								
	Basic Rate	**6256.00**							
	5% for Centring	**312.80**							
	Sub Total	**6568.80**							
	Area Weightage 10%	**656.88**							
	Total Rate	**7225.68**							
	Ward No-10								
	Rcc Drain Raft								
	2nd Block BEL Layout								
	2nd Cross Rd	1	310.00	0.80	0.15	37.20			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	2	46.50	0.80	0.15	11.16			
	2nd Cross Rd	1	35.00	0.80	0.15	4.20			
	3rd Cross Rd	1	45.00	0.80	0.15	5.40			
	Left Side 3rd Cross Rd	1	26.00	0.80	0.15	3.12			
	Lead Off Drain	1	245.00	0.90	0.15	33.08			
	Rcc Drain Wall								
	2nd Block BEL Layout								
	2nd Cross Rd	2	310.00	0.15	0.65	60.45			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	4	46.50	0.15	0.60	16.74			
	2nd Cross Rd	2	35.00	0.15	0.60	6.30			
	3rd Cross Rd	2	45.00	0.15	0.60	8.10			
	Left Side 3rd Cross Rd	2	26.00	0.15	0.60	4.68			
	Lead Off Drain	2	245.00	0.15	0.60	44.10			
						234.53			
	Culvert Raft								
	Nanjappa Layout	10	6.40	1.20	0.20	15.36			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Hanuman Layout	10	6.40	1.20	0.20	15.36			
	Patel pille Gowda Layout	10	6.40	1.20	0.20	15.36			
	Culvert Wall								
	Nanjappa Layout	20	6.40	0.23	0.60	17.66			
	Hanuman Layout	20	6.40	0.23	0.60	17.66			
	Patel pille Gowda Layout	20	6.40	0.23	0.60	17.66			
						99.07			
						333.60	**Cum**	**7225.68**	**2410465.17**
	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work								
	Data Rate	**2072.00**							
	Ward No-10								
	2nd Block BEL Layout								
	2nd Cross Rd	1	310.00	0.75		232.50			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	2	46.50	0.75		69.75			
	2nd Cross Rd	1	35.00	0.75		26.25			
	3rd Cross Rd	1	45.00	0.75		33.75			
	Left Side 3rd Cross Rd	1	26.00	0.75		19.50			
	Lead Off Drain	1	245.00	0.90		220.50			
	Add Missing/Damaged Slab					402.00			
						1004.25	**Sqm**	**2072.00**	**2080806.00**
8	Providing and fixing **RCC precast cover slab of 230mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data Rate	**5037.00**							
	For Culverts								
	Nanjappa Layout	10	6.40	1.20		76.80			
	Hanuman Layout	10	6.40	1.20		76.80			
	Patel pille Gowda Layout	10	6.40	1.20		76.80			
						230.40	**Sqm**	**5037.00**	**1160524.80**
9	Providing **B S slabs of selected quality roughly dressed having a size of 10 cms** thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Approved rate	**837.00**							
	Area Weightage 10%	**83.70**							
	Total	**920.70**							
	Top missing/Damaged Slab Qty from Item No-2					638.86			
						638.86	**Sqm**	**920.70**	**588198.86**
10	Earth work in surface **excavation by mechanical means** for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)								

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Basic Rate	65.00							
	Area Weightage 10%	6.50							
	Total Rate	71.50							
	Ward No-10								
	Asphalt Road								
	Edge Correctin/ Damage Portion/Bad reaches								
	2nd Block BEL Layout								
		10	5.00	2.00	0.25	25.00			
		8	3.00	1.80	0.25	10.80			
		6	6.00	1.50	0.25	13.50			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
		7	5.00	1.90	0.25	16.63			
		6	6.00	1.50	0.25	13.50			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
		7	5.00	1.90	0.25	16.63			
		5	4.00	1.30	0.25	6.50			
		2	4.00	1.70	0.25	3.40			
		5	3.50	1.50	0.25	6.56			
		5	4.00	1.30	0.25	6.50			
		2	4.00	1.70	0.25	3.40			
		5	3.50	1.50	0.25	6.56			
		5	3.00	2.00	0.25	7.50			
		3	2.00	1.60	0.25	2.40			
	Bloom Field Garden								
		15	3.00	1.80	0.25	20.25			
		7	2.00	1.50	0.25	5.25			
		4	3.50	1.00	0.25	3.50			
		7	5.00	1.90	0.25	16.63			
		6	3.00	2.00	0.25	9.00			
		4	5.00	2.00	0.25	10.00			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
		5	4.00	1.30	0.25	6.50			
		2	4.00	1.70	0.25	3.40			
		3	2.40	1.30	0.25	2.34			
		2	1.60	1.00	0.25	0.80			
	Bloom Moon Garden								
		6	3.00	2.00	0.25	9.00			
		5	3.50	1.50	0.25	6.56			
		5	3.00	2.00	0.25	7.50			
		3	2.00	1.60	0.25	2.40			
		5	3.50	1.50	0.25	6.56			
		5	3.50	1.50	0.25	6.56			
		5	3.00	2.00	0.25	7.50			
		8	5.00	2.00	0.25	20.00			
		7	7.00	2.00	0.25	24.50			
		6	3.00	2.00	0.25	9.00			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		7	7.00	2.00	0.25	24.50			
		6	3.00	2.00	0.25	9.00			
		4	5.00	2.00	0.25	10.00			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
	Ramanna Garden								
		12	2.50	2.00	0.25	15.00			
		9	5.20	1.80	0.25	21.06			
		2	4.00	1.70	0.25	3.40			
		6	6.00	1.50	0.25	13.50			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
		3	3.50	2.00	0.25	5.25			
		9	6.00	1.50	0.25	20.25			
		4	3.00	2.00	0.25	6.00			
		7	5.00	1.90	0.25	16.63			
		5	4.00	1.30	0.25	6.50			
		2	4.00	1.70	0.25	3.40			
		7	5.00	1.90	0.25	16.63			
		5	4.00	1.30	0.25	6.50			
		2	4.00	1.70	0.25	3.40			
		5	3.50	1.50	0.25	6.56			
		5	3.50	1.50	0.25	6.56			
		5	3.00	2.00	0.25	7.50			
		8	5.00	2.00	0.25	20.00			
		7	7.00	2.00	0.25	24.50			
		6	3.00	2.00	0.25	9.00			
		4	5.00	2.00	0.25	10.00			
		3	4.00	1.90	0.25	5.70			
	Kempegowda Layout								
		5	3.50	1.50	0.25	6.56			
		5	3.00	2.00	0.25	7.50			
		6	5.00	2.00	0.25	15.00			
		7	5.00	2.00	0.25	17.50			
						791.03	**Cum**	**71.50**	**56,558.29**
11	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).								
	Basic Rate	**2394.00**							
	Area Weightage 10%	239.40							
	Total Rate	**2633.40**							
	Ward No-10								
	Asphalt Road								
	Edge Correctin/ Damage Portion/Bad reaches								
	2nd Block BEL Layout								
		10	5.00	2.00	0.225	22.50			
		8	3.00	1.80	0.225	9.72			

Sl no	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		6	6.00	1.50	0.225	12.15			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
		7	5.00	1.90	0.225	14.96			
		6	6.00	1.50	0.225	12.15			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
		7	5.00	1.90	0.225	14.96			
		5	4.00	1.30	0.225	5.85			
		2	4.00	1.70	0.225	3.06			
		5	3.50	1.50	0.225	5.91			
		5	4.00	1.30	0.225	5.85			
		2	4.00	1.70	0.225	3.06			
		5	3.50	1.50	0.225	5.91			
		5	3.00	2.00	0.225	6.75			
		3	2.00	1.60	0.225	2.16			
	Bloom Field Garden								
		15	3.00	1.80	0.225	18.23			
		7	2.00	1.50	0.225	4.73			
		4	3.50	1.00	0.225	3.15			
		7	5.00	1.90	0.225	14.96			
		6	3.00	2.00	0.225	8.10			
		4	5.00	2.00	0.225	9.00			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
		5	4.00	1.30	0.225	5.85			
		2	4.00	1.70	0.225	3.06			
		3	2.40	1.30	0.225	2.11			
		2	1.60	1.00	0.225	0.72			
	Bloom Moon Garden								
		6	3.00	2.00	0.225	8.10			
		5	3.50	1.50	0.225	5.91			
		5	3.00	2.00	0.225	6.75			
		3	2.00	1.60	0.225	2.16			
		5	3.50	1.50	0.225	5.91			
		5	3.50	1.50	0.225	5.91			
		5	3.00	2.00	0.225	6.75			
		8	5.00	2.00	0.225	18.00			
		7	7.00	2.00	0.225	22.05			
		6	3.00	2.00	0.225	8.10			
		7	7.00	2.00	0.225	22.05			
		6	3.00	2.00	0.225	8.10			
		4	5.00	2.00	0.225	9.00			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
	Ramanna Garden								
		12	2.50	2.00	0.225	13.50			
		9	5.20	1.80	0.225	18.95			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		2	4.00	1.70	0.225	3.06			
		6	6.00	1.50	0.225	12.15			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
		3	3.50	2.00	0.225	4.73			
		9	6.00	1.50	0.225	18.23			
		4	3.00	2.00	0.225	5.40			
		7	5.00	1.90	0.225	14.96			
		5	4.00	1.30	0.225	5.85			
		2	4.00	1.70	0.225	3.06			
		7	5.00	1.90	0.225	14.96			
		5	4.00	1.30	0.225	5.85			
		2	4.00	1.70	0.225	3.06			
		5	3.50	1.50	0.225	5.91			
		5	3.50	1.50	0.225	5.91			
		5	3.00	2.00	0.225	6.75			
		8	5.00	2.00	0.225	18.00			
		7	7.00	2.00	0.225	22.05			
		6	3.00	2.00	0.225	8.10			
		4	5.00	2.00	0.225	9.00			
		3	4.00	1.90	0.225	5.13			
	Kempegowda Layout								
		5	3.50	1.50	0.225	5.91			
		5	3.00	2.00	0.225	6.75			
		6	5.00	2.00	0.225	13.50			
		7	5.00	2.00	0.225	15.75			
						711.92	**Cum**	**2633.40**	**1874776.71**
12	Providing and applying **primer coat** with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29,I No-5.1(i) of PWD SR 2021-22).								
	Basic Rate	**44.00**							
	Area Weightage 10%	4.40							
	Total Rate	**48.40**							
	Ward No-10								
	Asphalt Road								
	For Profile correction								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	6.80		2080.80			
	3rd Cross Rd	1	182.00	5.80		1055.60			
	4th Cross Rd	1	122.50	6.70		820.75			
	5th Cross Rd	1	333.00	6.70		2231.10			
	Tindi Mane Rd	1	135.00	7.20		972.00			
	1st Main Rd	1	223.00	6.40		1427.20			
	2nd Main Rd	1	219.00	6.50		1423.50			
	3rd Main Rd	1	217.00	6.20		1345.40			
	4th Main Rd	1	299.50	6.00		1797.00			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	5.60		1201.20			
	2nd Cross Rd	1	199.00	5.90		1174.10			
	3rd Cross Rd	1	201.50	5.80		1168.70			
	Samsidh MLZS Rd	1	207.00	6.00		1242.00			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	4th Cross Rd	1	50.00	6.00		300.00			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	5.40		294.30			
	1st Cross Rd	1	115.00	5.40		621.00			
	2nd Cross Rd	1	50.00	4.80		240.00			
	3rd Cross Rd	1	76.00	5.50		418.00			
	Ramanna Garden								
	2nd Main Rd	1	141.00	6.50		916.50			
	1st Cross Rd	1	239.00	5.70		1362.30			
	2nd Cross Rd	1	155.00	5.90		914.50			
	3rd Cross Rd	1	155.00	6.20		961.00			
	1st A Main Rd	1	88.00	6.70		589.60			
	5th Cross Rd	1	103.50	5.60		579.60			
	1st Main Rd	1	207.00	5.40		1117.80			
	Kempegowda Layout								
	R.R School Behind	1	59.50	5.80		345.10			
	B/w Rd	1	22.00	4.40		96.80			
	1st Main Rd	1	93.00	6.00		558.00			
						27253.85			
	Profile correction 15%					**4088.08**			
	Edge Correctin/ Damage Portion/Bad reaches								
	Ward No-10								
	2nd Block BEL Layout								
		10	5.00	2.00		100.00			
		8	3.00	1.80		43.20			
		6	6.00	1.50		54.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			
		4	3.00	2.00		24.00			
		7	5.00	1.90		66.50			
		6	6.00	1.50		54.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			
		4	3.00	2.00		24.00			
		7	5.00	1.90		66.50			
		5	4.00	1.30		26.00			
		2	4.00	1.70		13.60			
		5	3.50	1.50		26.25			
		5	4.00	1.30		26.00			
		2	4.00	1.70		13.60			
		5	3.50	1.50		26.25			
		5	3.00	2.00		30.00			
		3	2.00	1.60		9.60			
	Bloom Field Garden								
		15	3.00	1.80		81.00			
		7	2.00	1.50		21.00			
		4	3.50	1.00		14.00			
		7	5.00	1.90		66.50			
		6	3.00	2.00		36.00			
		4	5.00	2.00		40.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			

Sl o	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		4	3.00	2.00		24.00			
		5	4.00	1.30		26.00			
		2	4.00	1.70		13.60			
		3	2.40	1.30		9.36			
		2	1.60	1.00		3.20			
	Bloom Moon Garden								
		6	3.00	2.00		36.00			
		5	3.50	1.50		26.25			
		5	3.00	2.00		30.00			
		3	2.00	1.60		9.60			
		5	3.50	1.50		26.25			
		5	3.50	1.50		26.25			
		5	3.00	2.00		30.00			
		8	5.00	2.00		80.00			
		7	7.00	2.00		98.00			
		6	3.00	2.00		36.00			
		7	7.00	2.00		98.00			
		6	3.00	2.00		36.00			
		4	5.00	2.00		40.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			
		4	3.00	2.00		24.00			
	Ramanna Garden								
		12	2.50	2.00		60.00			
		9	5.20	1.80		84.24			
		2	4.00	1.70		13.60			
		6	6.00	1.50		54.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			
		4	3.00	2.00		24.00			
		3	3.50	2.00		21.00			
		9	6.00	1.50		81.00			
		4	3.00	2.00		24.00			
		7	5.00	1.90		66.50			
		5	4.00	1.30		26.00			
		2	4.00	1.70		13.60			
		7	5.00	1.90		66.50			
		5	4.00	1.30		26.00			
		2	4.00	1.70		13.60			
		5	3.50	1.50		26.25			
		5	3.50	1.50		26.25			
		5	3.00	2.00		30.00			
		8	5.00	2.00		80.00			
		7	7.00	2.00		98.00			
		6	3.00	2.00		36.00			
		4	5.00	2.00		40.00			
		3	4.00	1.90		22.80			
	Kempegowda Layout								
		5	3.50	1.50		26.25			
		5	3.00	2.00		30.00			
		6	5.00	2.00		60.00			
		7	5.00	2.00		70.00			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						7252.18	**Sqm**	**48.40**	**351005.39**
13	Providing and applying **tack coat** with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).								
	Basic Rate	**12.00**							
	Area Weightage 10%	1.20							
	Total Rate	**13.20**							
	Ward No-10								
	Asphalt Road								
	For Profile correction								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	6.80		2080.80			
	3rd Cross Rd	1	182.00	5.80		1055.60			
	4th Cross Rd	1	122.50	6.70		820.75			
	5th Cross Rd	1	333.00	6.70		2231.10			
	Tindi Mane Rd	1	135.00	7.20		972.00			
	1st Main Rd	1	223.00	6.40		1427.20			
	2nd Main Rd	1	219.00	6.50		1423.50			
	3rd Main Rd	1	217.00	6.20		1345.40			
	4th Main Rd	1	299.50	6.00		1797.00			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	5.60		1201.20			
	2nd Cross Rd	1	199.00	5.90		1174.10			
	3rd Cross Rd	1	201.50	5.80		1168.70			
	Samsidh MLZS Rd	1	207.00	6.00		1242.00			
	4th Cross Rd	1	50.00	6.00		300.00			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	5.40		294.30			
	1st Cross Rd	1	115.00	5.40		621.00			
	2nd Cross Rd	1	50.00	4.80		240.00			
	3rd Cross Rd	1	76.00	5.50		418.00			
	Ramanna Garden								
	2nd Main Rd	1	141.00	6.50		916.50			
	1st Cross Rd	1	239.00	5.70		1362.30			
	2nd Cross Rd	1	155.00	5.90		914.50			
	3rd Cross Rd	1	155.00	6.20		961.00			
	1st A Main Rd	1	88.00	6.70		589.60			
	5th Cross Rd	1	103.50	5.60		579.60			
	1st Main Rd	1	207.00	5.40		1117.80			
	Kempegowda Layout								
	R.R School Behind	1	59.50	5.80		345.10			
	B/w Rd	1	22.00	4.40		96.80			
	1st Main Rd	1	93.00	6.00		558.00			
						27253.85			
	Consider 15%					**4088.08**			
	For BC								
	Ward No-10								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	6.80		2080.80			
	3rd Cross Rd	1	182.00	5.80		1055.60			
	4th Cross Rd	1	122.50	6.70		820.75			
	5th Cross Rd	1	333.00	6.70		2231.10			
	Tindi Mane Rd	1	135.00	7.20		972.00			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	1st Main Rd	1	223.00	6.40		1427.20			
	2nd Main Rd	1	219.00	6.50		1423.50			
	3rd Main Rd	1	217.00	6.20		1345.40			
	4th Main Rd	1	299.50	6.00		1797.00			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	5.60		1201.20			
	2nd Cross Rd	1	199.00	5.90		1174.10			
	3rd Cross Rd	1	201.50	5.80		1168.70			
	Samsidh MLZS Rd	1	207.00	6.00		1242.00			
	4th Cross Rd	1	50.00	6.00		300.00			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	5.40		294.30			
	1st Cross Rd	1	115.00	5.40		621.00			
	2nd Cross Rd	1	50.00	4.80		240.00			
	3rd Cross Rd	1	76.00	5.50		418.00			
	Ramanna Garden								
	2nd Main Rd	1	141.00	6.50		916.50			
	1st Cross Rd	1	239.00	5.70		1362.30			
	2nd Cross Rd	1	155.00	5.90		914.50			
	3rd Cross Rd	1	155.00	6.20		961.00			
	1st A Main Rd	1	88.00	6.70		589.60			
	5th Cross Rd	1	103.50	5.60		579.60			
	1st Main Rd	1	207.00	5.40		1117.80			
	Kempegowda Layout								
	R.R School Behind	1	59.50	5.80		345.10			
	B/w Rd	1	22.00	4.40		96.80			
	1st Main Rd	1	93.00	6.00		558.00			
						31341.93	**Sqm**	**13.20**	**413713.44**
14	Providing and laying **Dense Graded Bituminous Macadam** with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).								
	Basic Rate	**9889.00**							
	Area Weightage 10%	988.90							
	Total Rate	**10877.90**							
	Ward No-10								
	Asphalt Road								
	For Profile correction								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	6.80	0.05	104.04			
	3rd Cross Rd	1	182.00	5.80	0.05	52.78			
	4th Cross Rd	1	122.50	6.70	0.05	41.04			
	5th Cross Rd	1	333.00	6.70	0.05	111.56			
	Tindi Mane Rd	1	135.00	7.20	0.05	48.60			
	1st Main Rd	1	223.00	6.40	0.05	71.36			
	2nd Main Rd	1	219.00	6.50	0.05	71.18			
	3rd Main Rd	1	217.00	6.20	0.05	67.27			
	4th Main Rd	1	299.50	6.00	0.05	89.85			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	5.60	0.05	60.06			
	2nd Cross Rd	1	199.00	5.90	0.05	58.71			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	3rd Cross Rd	1	201.50	5.80	0.05	58.44			
	Samsidh MLZS Rd	1	207.00	6.00	0.05	62.10			
	4th Cross Rd	1	50.00	6.00	0.05	15.00			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	5.40	0.05	14.72			
	1st Cross Rd	1	115.00	5.40	0.05	31.05			
	2nd Cross Rd	1	50.00	4.80	0.05	12.00			
	3rd Cross Rd	1	76.00	5.50	0.05	20.90			
	Ramanna Garden								
	2nd Main Rd	1	141.00	6.50	0.05	45.83			
	1st Cross Rd	1	239.00	5.70	0.05	68.12			
	2nd Cross Rd	1	155.00	5.90	0.05	45.73			
	3rd Cross Rd	1	155.00	6.20	0.05	48.05			
	1st A Main Rd	1	88.00	6.70	0.05	29.48			
	5th Cross Rd	1	103.50	5.60	0.05	28.98			
	1st Main Rd	1	207.00	5.40	0.05	55.89			
	Kempegowda Layout								
	R.R School Behind	1	59.50	5.80	0.05	17.26			
	B/w Rd	1	22.00	4.40	0.05	4.84			
	1st Main Rd	1	93.00	6.00	0.05	27.90			
						1362.69			
	Profile correction 15%					**204.40**			
	Edge Correctin/ Damage Portion/Bad reaches								
	Ward No-10								
	2nd Block BEL Layout								
		10	5.00	2.00	0.05	5.00			
		8	3.00	1.80	0.05	2.16			
		6	6.00	1.50	0.05	2.70			
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
		7	5.00	1.90	0.05	3.33			
		6	6.00	1.50	0.05	2.70			
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
		7	5.00	1.90	0.05	3.33			
		5	4.00	1.30	0.05	1.30			
		2	4.00	1.70	0.05	0.68			
		5	3.50	1.50	0.05	1.31			
		5	4.00	1.30	0.05	1.30			
		2	4.00	1.70	0.05	0.68			
		5	3.50	1.50	0.05	1.31			
		5	3.00	2.00	0.05	1.50			
		3	2.00	1.60	0.05	0.48			
	Bloom Field Garden								
		15	3.00	1.80	0.05	4.05			
		7	2.00	1.50	0.05	1.05			
		4	3.50	1.00	0.05	0.70			
		7	5.00	1.90	0.05	3.33			
		6	3.00	2.00	0.05	1.80			
		4	5.00	2.00	0.05	2.00			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
		5	4.00	1.30	0.05	1.30			
		2	4.00	1.70	0.05	0.68			
		3	2.40	1.30	0.05	0.47			
		2	1.60	1.00	0.05	0.16			
	Bloom Moon Garden								
		6	3.00	2.00	0.05	1.80			
		5	3.50	1.50	0.05	1.31			
		5	3.00	2.00	0.05	1.50			
		3	2.00	1.60	0.05	0.48			
		5	3.50	1.50	0.05	1.31			
		5	3.50	1.50	0.05	1.31			
		5	3.00	2.00	0.05	1.50			
		8	5.00	2.00	0.05	4.00			
		7	7.00	2.00	0.05	4.90			
		6	3.00	2.00	0.05	1.80			
		7	7.00	2.00	0.05	4.90			
		6	3.00	2.00	0.05	1.80			
		4	5.00	2.00	0.05	2.00			
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
	Ramanna Garden								
		12	2.50	2.00	0.05	3.00			
		9	5.20	1.80	0.05	4.21			
		2	4.00	1.70	0.05	0.68			
		6	6.00	1.50	0.05	2.70			
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
		3	3.50	2.00	0.05	1.05			
		9	6.00	1.50	0.05	4.05			
		4	3.00	2.00	0.05	1.20			
		7	5.00	1.90	0.05	3.33			
		5	4.00	1.30	0.05	1.30			
		2	4.00	1.70	0.05	0.68			
		7	5.00	1.90	0.05	3.33			
		5	4.00	1.30	0.05	1.30			
		2	4.00	1.70	0.05	0.68			
		5	3.50	1.50	0.05	1.31			
		5	3.50	1.50	0.05	1.31			
		5	3.00	2.00	0.05	1.50			
		8	5.00	2.00	0.05	4.00			
		7	7.00	2.00	0.05	4.90			
		6	3.00	2.00	0.05	1.80			
		4	5.00	2.00	0.05	2.00			
		3	4.00	1.90	0.05	1.14			
	Kempegowda Layout								
		5	3.50	1.50	0.05	1.31			
		5	3.00	2.00	0.05	1.50			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		6	5.00	2.00	0.05	3.00			
		7	5.00	2.00	0.05	3.50			
						362.61	**Cum**	**10877.90**	**3944423.08**
15	Providing and laying **Bituminous Concrete with 40/60 TPH** capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).								
	Basic Rate	**11531.00**							
	Area Weightage 10%	1153.10							
	Total Rate	**12684.10**							
	Ward No-10								
	Asphalt Road								
	For BC								
	2nd Block BEL Layout								
	2nd Cross Rd	1	306.00	6.80	0.04	83.23			
	3rd Cross Rd	1	182.00	5.80	0.04	42.22			
	4th Cross Rd	1	122.50	6.70	0.04	32.83			
	5th Cross Rd	1	333.00	6.70	0.04	89.24			
	Tindi Mane Rd	1	135.00	7.20	0.04	38.88			
	1st Main Rd	1	223.00	6.40	0.04	57.09			
	2nd Main Rd	1	219.00	6.50	0.04	56.94			
	3rd Main Rd	1	217.00	6.20	0.04	53.82			
	4th Main Rd	1	299.50	6.00	0.04	71.88			
	Bloom Field Garden								
	1st Cross Rd	1	214.50	5.60	0.04	48.05			
	2nd Cross Rd	1	199.00	5.90	0.04	46.96			
	3rd Cross Rd	1	201.50	5.80	0.04	46.75			
	Samsidh MLZS Rd	1	207.00	6.00	0.04	49.68			
	4th Cross Rd	1	50.00	6.00	0.04	12.00			
	Bloom Moon Garden								
	1st Main Rd	1	54.50	5.40	0.04	11.77			
	1st Cross Rd	1	115.00	5.40	0.04	24.84			
	2nd Cross Rd	1	50.00	4.80	0.04	9.60			
	3rd Cross Rd	1	76.00	5.50	0.04	16.72			
	Ramanna Garden								
	2nd Main Rd	1	141.00	6.50	0.04	36.66			
	1st Cross Rd	1	239.00	5.70	0.04	54.49			
	2nd Cross Rd	1	155.00	5.90	0.04	36.58			
	3rd Cross Rd	1	155.00	6.20	0.04	38.44			
	1st A Main Rd	1	88.00	6.70	0.04	23.58			
	5th Cross Rd	1	103.50	5.60	0.04	23.18			
	1st Main Rd	1	207.00	5.40	0.04	44.71			
	Kempegowda Layout								
	R.R School Behind	1	59.50	5.80	0.04	13.80			
	B/w Rd	1	22.00	4.40	0.04	3.87			
	1st Main Rd	1	93.00	6.00	0.04	22.32			
						1090.15	**Cum**	**12684.10**	**13827622.35**
16	Providing and laying of **hot applied thermoplastic compound** 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.(V-III,I No-8.15, P.No-57 of KPWD SR 2021-22)								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Basic Rate	**478.00**							
	Area Weightage 10%	47.80							
	Total Rate	**525.80**							
	Ward No-10								
	Asphalt Road								
	2nd Block BEL Layout								
	2nd Cross Rd	2	306.00	0.10		61.20			
	3rd Cross Rd	2	182.00	0.10		36.40			
	4th Cross Rd	2	122.50	0.10		24.50			
	5th Cross Rd	2	333.00	0.10		66.60			
	Tindi Mane Rd	2	135.00	0.10		27.00			
	1st Main Rd	2	223.00	0.10		44.60			
	2nd Main Rd	2	219.00	0.10		43.80			
	3rd Main Rd	2	217.00	0.10		43.40			
	4th Main Rd	2	299.50	0.10		59.90			
	Bloom Field Garden								
	1st Cross Rd	2	214.50	0.10		42.90			
	2nd Cross Rd	2	199.00	0.10		39.80			
	3rd Cross Rd	2	201.50	0.10		40.30			
	Samsidh MLZS Rd	2	207.00	0.10		41.40			
	4th Cross Rd	2	50.00	0.10		10.00			
	Bloom Moon Garden								
	1st Main Rd	2	54.50	0.10		10.90			
	1st Cross Rd	2	115.00	0.10		23.00			
	2nd Cross Rd	2	50.00	0.10		10.00			
	3rd Cross Rd	2	76.00	0.10		15.20			
	Ramanna Garden								
	2nd Main Rd	2	141.00	0.10		28.20			
	1st Cross Rd	2	239.00	0.10		47.80			
	2nd Cross Rd	2	155.00	0.10		31.00			
	3rd Cross Rd	2	155.00	0.10		31.00			
	1st A Main Rd	2	88.00	0.10		17.60			
	5th Cross Rd	2	103.50	0.10		20.70			
	1st Main Rd	2	207.00	0.10		41.40			
	Kempegowda Layout								
	R.R School Behind	2	59.50	0.10		11.90			
	B/w Rd	2	22.00	0.10		4.40			
	1st Main Rd	2	93.00	0.10		18.60			
						893.50	**Sqm**	**525.80**	**469802.30**
17	Dismantling of **cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
	Basic Rate	**422.00**							
	Area Weightage 10%	42.20							
	Total Rate	**464.20**							
	C.C road								
	Kempegowda Layout								
	R.R School Behind Continue	1	30.00	3.30	0.25	24.75			
	Byrappa Garden								
	1st Cross Rd	1	50.00	5.00	0.25	62.50			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	1	46.50	5.50	0.25	63.94			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	3rd Cross Rd	1	45.00	5.00	0.25	56.25			
	Left Side 3rd Cross Rd	1	25.00	4.50	0.25	28.13			
	4th Cross Rd	1	59.50	3.80	0.25	56.53			
						292.09			
	Deduct 30% Voids					**87.63**			
						204.46	**Cum**	**464.20**	**94,910.91**
18	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:5:10** Using 40 mm nominal size graded crushed coarse aggregates(V-I,I No-2.11, P.No-15of KPWD SR 2021-22)								
	Basic Rate	**4976.00**							
	Area Weightage 10%	**497.60**							
	Total Rate	**5473.60**							
	C.C road								
	Kempegowda Layout								
	R.R School Behind Continue	1	30.00	3.30	0.15	14.85			
	Byrappa Garden								
	1st Cross Rd	1	50.00	5.00	0.15	37.50			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	1	46.50	5.50	0.15	38.36			
	3rd Cross Rd	1	45.00	5.00	0.15	33.75			
	Left Side 3rd Cross Rd	1	25.00	4.50	0.15	16.88			
	4th Cross Rd	1	59.50	3.80	0.15	33.92			
						175.25	**Cum**	**5473.60**	**959262.08**
19	Providing and constructing un-reinforced **plain cement concrete pavement**, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 **M30 (Grade)**, coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.(V-III, P.No-138,I No-20.29, KPWD SR 2021-22).								
	Basic Rate	**6837.00**							
	Area Weightage 10%	**683.70**							
	Total Rate	**7520.70**							
	C.C road								
	Kempegowda Layout								
	R.R School Behind Continue	1	30.00	3.30	0.15	14.85			
	Byrappa Garden								
	1st Cross Rd	1	50.00	5.00	0.15	37.50			
	Dodd Bommasandra -4th Stage								
	D.lokesh Building[KNV 2nd Stage]	1	46.50	5.50	0.15	38.36			
	3rd Cross Rd	1	45.00	5.00	0.15	33.75			
	Left Side 3rd Cross Rd	1	25.00	4.50	0.15	16.88			
	4th Cross Rd	1	59.50	3.80	0.15	33.92			

Sl No	Description of items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						175.25	Cum	7520.70	1318021.48
20	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)								
	Basic Rate	**12.00**							
	8KM Lead = 12*8	96.00							
	Area Weightage 10%	9.60							
	Total Rate	**105.60**							
	Qty frm Item No-3		2233.0	1.28		2858.24			
	Qty frm Item No-14		791.0	1.28		1012.51			
	Qty frm Item No-17		204.5	2.10		429.37			
						4300.12	**t.Km**	**105.60**	**454092.40**
								Total Construction Cost	**35000565.43**
								Sub Total-1	**35000565.43**
								12% GST for Construction Cost	**4200067.85**
								Towards DPR & PMC Cost including GST	**798800.00**
								Sub Total -2	**39999433.28**
								Utility Shifting,Miscellaneous and Rounding off	**566.72**
								GRAND TOTAL	**40000000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, Data rates and issue rates dated 07-04-2022

Assistant Engineer
Ward No-10
BBMP Bangalore

Asst. Executive Engineer,
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Executive Engineer,
Bytarayanapura Division
BBMP Bangalore

SILICON CONSULTING ENGINEERS